

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3091	428/304.4	US-PGPUB; USPAT	ADJ	ON	2005/07/18 16:41
L2	54	(l1) and (headliner\$1 or roofliner\$1 or roof liner\$1 or automobile\$1 train)	US-PGPUB; USPAT	ADJ	ON	2005/07/18 16:42
L3	51	(l2) and (foam)	US-PGPUB; USPAT	ADJ	ON	2005/07/18 16:43

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	(bernd near glunk) or (gerhard near koeck)	US-PGPUB; USPAT	ADJ	ON	2005/07/14 16:13
S2	12	(bernd near glunk) or (gerhard near koeck)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/07/14 17:24
S3	913	lear near corporation	US-PGPUB; USPAT	ADJ	ON	2005/07/14 16:45
S4	156	S3 and headliner\$1	US-PGPUB; USPAT	ADJ	ON	2005/07/14 16:16
S5	876	(automobile\$1 or vehicle\$1 or car\$1) and S3	US-PGPUB; USPAT	ADJ	ON	2005/07/14 16:41
S6	289	S5 and foam	US-PGPUB; USPAT	ADJ	ON	2005/07/14 16:56
S7	0	lear near corporation	USOCR	ADJ	ON	2005/07/14 16:45
S8	0	lear near corporation	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/07/14 16:45
S9	100808	S6 and polypropylene or polyolefin	US-PGPUB; USPAT	ADJ	ON	2005/07/14 16:56
S10	101	(S6) and (polypropylene or polyolefin)	US-PGPUB; USPAT	ADJ	ON	2005/07/14 17:44
S11	1	("4828910").PN.	USPAT	OR	OFF	2005/07/14 17:44
S12	17	("4020207" "4131702" "4211590" "4327049" "4828910" "4840832" "4957797" "5057175" "5292577" "5486256" "5503903" "5614145" "5660908" "5679296" "5718791" "5874136" "5976295").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/07/15 08:29
S13	14	S12 and foam	US-PGPUB; USPAT	ADJ	ON	2005/07/15 08:29
S14	1	S13 and polyolefin\$1	US-PGPUB; USPAT	ADJ	ON	2005/07/15 08:32
S15	468755	core layer or inner layer or core	US-PGPUB; USPAT	ADJ	ON	2005/07/15 09:00
S16	219325	(expanded polypropylene foam) or (expanded thermoplastic resin) or (thermoplastic foam) or (foam layer) or (foam) or (polyolefin foam layer) or (polyolefin foam) or (polyolefin foam material) or (polypropylene foam) or (polypropylene foam material)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 09:02
S17	18733	reinforcement layer or support layer	US-PGPUB; USPAT	ADJ	ON	2005/07/15 09:03

S18	18144	S15 same S16	US-PGPUB; USPAT	ADJ	ON	2005/07/15 09:07
S19	3017	headliner or automotive headliner\$1 or roofliner\$1 or roof liner\$1	US-PGPUB; USPAT	ADJ	ON	2005/07/15 12:49
S20	210	S18 and S19	US-PGPUB; USPAT	ADJ	ON	2005/07/15 10:30
S21	17	("2642920" "2768026" "3037897" "3506532" "3531367" "3620906" "4002367" "4024310" "4256797" "4463043" "4489126" "4529641").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/07/15 09:25
S22	1	("4211590").PN.	USPAT	OR	OFF	2005/07/15 10:30
S23	2057	(expanded polypropylene foam) or (polyolefin foam layer) or (polyolefin foam) or (polyolefin foam material) or (polypropylene foam) or (polypropylene foam material)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 11:14
S24	212	S15 same S23	US-PGPUB; USPAT	ADJ	ON	2005/07/15 11:19
S25	4	S24 and S19	US-PGPUB; USPAT	ADJ	ON	2005/07/15 12:50
S26	0	((expanded polypropylene foam) or (polyolefin foam layer) or (polyolefin foam) or (polyolefin foam material) or (polypropylene foam) or (polypropylene foam material)) near (stretch ratio or stretch ratio)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 11:15
S27	1	(foam) near3 (stretch ratio)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 11:13
S28	15	(foam) same (stretch ratio)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 11:13
S29	1	((expanded polypropylene foam) or (polyolefin foam layer) or (polyolefin foam) or (polyolefin foam material) or (polypropylene foam) or (polypropylene foam material)) near3 (stretch ratio or stretch ratio)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 11:15
S30	0	((expanded polypropylene foam) or (polyolefin foam layer) or (polyolefin foam) or (polyolefin foam material) or (polypropylene foam) or (polypropylene foam material)) near3 (stretch ratio or stretch ratio)	USOCR	ADJ	ON	2005/07/15 11:15

S31	0	((expanded polypropylene foam) or (polyolefin foam layer) or (polyolefin foam) or (polyolefin foam material) or (polypropylene foam) or (polypropylene foam material)) near3 (stretch ratio or stretch ratio)	EPO; JPO; DERWENT	ADJ	ON	2005/07/15 11:15
S32	0	((expanded polypropylene foam) or (polyolefin foam layer) or (polyolefin foam) or (polyolefin foam material) or (polypropylene foam) or (polypropylene foam material)) same (stretch ratio or stretch ratio)	EPO; JPO; DERWENT	ADJ	ON	2005/07/15 13:02
S33	187074	headliner or automotive headliner\$1 or roofliner\$1 or roof liner\$1or automobile\$1 interior\$1 or automobile\$1	US-PGPUB; USPAT	ADJ	ON	2005/07/15 12:49
S34	212	S15 same S23	US-PGPUB; USPAT	ADJ	ON	2005/07/15 12:51
S35	31	S34 and S33	US-PGPUB; USPAT	ADJ	ON	2005/07/15 12:51
S36	1317	S15 same S17	US-PGPUB; USPAT	ADJ	ON	2005/07/15 12:57
S37	66	S15 near3 S23	US-PGPUB; USPAT	ADJ	ON	2005/07/15 12:58
S38	0	S36 and S37	US-PGPUB; USPAT	ADJ	ON	2005/07/15 12:58

S39	98	((("4796082") or ("5217943") or ("4568960") or ("5593562") or ("4784902") or ("6427403") or ("5678879") or ("4125981") or ("4955758") or ("5437919") or ("4760679") or ("6131351") or ("6429158") or ("4299883") or ("4448623") or ("5466320") or ("5367849") or ("5366234") or ("4536364") or ("4436564") or ("5219893") or ("5374383") or ("6423655") or ("5186999") or ("5192482") or ("5313758") or ("5328739") or ("5482667") or ("4416949") or ("5307604") or ("5829214") or ("6193439") or ("6196216") or ("4438166") or ("5238384") or ("5660908") or ("5390460") or ("5537792") or ("5588669") or ("5833298") or ("6227594") or ("6630232") or ("6779314") or ("6871466") or ("4440295") or ("5384185") or ("5389316") or ("5704185") or ("5895611") or ("6353189).pn.") or ("6156682") or ("5024886") or ("6644727") or ("4421827") or ("4485599") or ("RE31960") or ("4770838") or ("4957199") or ("5846363") or ("6499797") or ("3869337") or ("4321154") or ("4349599") or ("4762744") or ("4942712") or ("4970833") or ("5055135") or ("5273804") or ("5439726") or ("5536547") or ("5593766") or ("5934741") or ("4828775") or ("4271826") or ("4467006") or ("4476183") or ("5581960") or ("5593748") or ("5772816") or ("5850144") or ("5874136") or ("5334427") or ("3862064") or ("4149920") or ("4246306") or ("4369223") or ("4373001") or ("4444832") or ("4895895") or ("4898769") or ("4927705") or ("4936070") or ("5032443") or ("5264261") or ("5330691") or ("5425207") or ("5426908") or ("5445693") or ("5486256") or ("5582906).pn.")). PN.	USPAT	OR	OFF	2005/07/15 13:01
S40	0	(S39) and (stretch ratio)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 13:01

S41	0	((expanded polypropylene foam) or (polyolefin foam layer) or (polyolefin foam) or (polyolefin foam material) or (polypropylene foam) or (polypropylene foam material)) same (polypropylene stretch ratio or polypropylene stretchratio)	EPO; JPO; DERWENT	ADJ	ON	2005/07/15 13:10
S42	6	polypropylene near2 stretch ratio	EPO; JPO; DERWENT	ADJ	ON	2005/07/15 13:09
S43	0	((expanded polypropylene foam) or (polyolefin foam layer) or (polyolefin foam) or (polyolefin foam material) or (polypropylene foam) or (polypropylene foam material)) same (polypropylene stretch ratio or polypropylene stretchratio)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 13:10
S44	117	polypropylene with stretch ratio	US-PGPUB; USPAT	ADJ	ON	2005/07/15 13:10
S45	1	S44 and headliner	US-PGPUB; USPAT	ADJ	ON	2005/07/15 13:10
S46	2057	(expanded polypropylene foam) or (polyolefin foam layer) or (polyolefin foam) or (polyolefin foam material) or (polypropylene foam) or (polypropylene foam material) and (polypropylene with stretch ratio)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 13:18
S47	64	S46 and S19	US-PGPUB; USPAT	ADJ	ON	2005/07/15 13:17
S48	3	((expanded polypropylene foam) or (polyolefin foam layer) or (polyolefin foam) or (polyolefin foam material) or (polypropylene foam) or (polypropylene foam material)) and (polypropylene with stretch ratio)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 13:19
S49	0	((expanded polypropylene foam) or (polyolefin foam layer) or (polyolefin foam) or (polyolefin foam material) or (polypropylene foam) or (polypropylene foam material)) and (polypropylene with stretch ratio)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/07/15 13:19
S50	101	polypropylene and stretch ratio	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/07/15 13:20
S51	5	S50 and foam	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/07/15 13:20

S52	0	S50 and S19	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/07/15 13:21
S53	66	S39 and (glass fiber or glass fibre or fiberglass or fibreglass or fiber glass or fibre mat or fiber mat)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 13:54
S54	9	S53 and (polyolefin powder or polyolefin)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 13:36
S55	0	S53 and polyolefin powder	US-PGPUB; USPAT	ADJ	ON	2005/07/15 13:36
S56	657	polyolefin powder	US-PGPUB; USPAT	ADJ	ON	2005/07/15 13:36
S57	5	S56 and fiber mat	US-PGPUB; USPAT	ADJ	ON	2005/07/15 13:38
S58	26	S56 with (fiber mat or fiber or fibre mat)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 13:52
S59	26	(S56) with (fiber mat or fiber or fibre mat)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 13:38
S60	67	S39 and (glass fiber or glass fibre or fiberglass or fibreglass or fiber glass or fibre mat or fiber mat or bonding agent)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 13:55
S61	4	S39 and bonding agent	US-PGPUB; USPAT	ADJ	ON	2005/07/15 13:55
S62	0	"264".ccls. and headliner\$1	US-PGPUB; USPAT	ADJ	ON	2005/07/15 14:15
S63	202	"264"/\$.ccls. and headliner\$1	US-PGPUB; USPAT	ADJ	ON	2005/07/15 14:15
S64	20	(S63) and (fibre mat or fiber mat)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 14:18
S65	0	S64 and polyolefin powder	US-PGPUB; USPAT	ADJ	ON	2005/07/15 14:18
S66	0	(S64) and (polyolefin powder or polyolefin particle\$1)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 14:18
S67	2	(S63) and (polyolefin powder or polyolefin particle\$1)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 14:18
S68	1	(fibre mat or fiber mat) with (polyolefin powder or polyolefin particle\$1)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 14:22
S69	1	(fibre mat or fiber mat) same (polyolefin powder or polyolefin particle\$1) same (additive\$1 or fiber additives or fibrous additives or fibre additives)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 14:23

S70	0	(fibre mat or fiber mat) same (polyolefin powder or polyolefin particle\$1) same (additive\$1 or fiber additives or fibrous additives or fibre additives)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/07/15 14:23
S71	3	(fibre mat or fiber mat) same (polyolefin powder or polyolefin particle\$1) same (additive\$1 or fiber additives or fibrous additives or fibre additives)	USOCR	ADJ	ON	2005/07/15 14:24
S72	14	"5180628"	US-PGPUB; USPAT	ADJ	ON	2005/07/15 14:36
S73	16	((non direction\$4) (fibers or fibres))	US-PGPUB; USPAT	ADJ	ON	2005/07/15 14:41
S74	7876	fibre mat or fiber mat	US-PGPUB; USPAT	ADJ	ON	2005/07/15 14:46
S75	3150	polyolefin powder or thermoplastic powder or polyolefin particle\$1 or thermoplastic particle\$1	US-PGPUB; USPAT	ADJ	ON	2005/07/15 14:47
S76	491821	fibrous additive or additive\$1 or filament\$1	US-PGPUB; USPAT	ADJ	ON	2005/07/15 14:47
S77	1	S74 same S75 same S76	US-PGPUB; USPAT	ADJ	ON	2005/07/15 14:48
S78	0	S74 same S75 same S76	USOCR	ADJ	ON	2005/07/15 14:48
S79	0	S74 same S75 same S76	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/07/15 14:49
S80	0	S75 same S76	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/07/15 14:49
S81	147502	glass fiber or glass fibre or fibreglass or fiber glass or glass fiber mat or glass fibre mat or fibreglass mat or fiber glass mat or fibre glass mat	US-PGPUB; USPAT	ADJ	ON	2005/07/15 14:56
S82	1267	polyolefin near1 powder or polyolefin powder or polyolefin particle\$1	US-PGPUB; USPAT	ADJ	ON	2005/07/15 14:56
S83	1557	polyolefin near1 powder or polyolefin near powder or polyolefin near particle\$1	US-PGPUB; USPAT	ADJ	ON	2005/07/15 14:57
S84	1672	polyolefin near1 powder\$2 or polyolefin near powder\$2 or polyolefin near particle\$1	US-PGPUB; USPAT	ADJ	ON	2005/07/15 15:00
S85	51	S81 same S84	US-PGPUB; USPAT	ADJ	ON	2005/07/15 14:57
S86	41	S81 with S84	US-PGPUB; USPAT	ADJ	ON	2005/07/15 14:58

S87	23578	polyolefin near1 powder\$2 or polyolefin near powder\$2 or polyolefin near particle\$1 or inorganic near filler\$1	US-PGPUB; USPAT	ADJ	ON	2005/07/15 15:00
S88	3055	S81 with S87	US-PGPUB; USPAT	ADJ	ON	2005/07/15 15:00
S89	2	S88 and S19	US-PGPUB; USPAT	ADJ	ON	2005/07/15 15:00
S90	6318	S81 with powder\$1	US-PGPUB; USPAT	ADJ	ON	2005/07/15 15:03
S91	25	S90 and S19	US-PGPUB; USPAT	ADJ	ON	2005/07/15 15:03
S92	540693	polyolefin near powder\$2 same fiber or fibre	US-PGPUB; USPAT	ADJ	ON	2005/07/15 15:12
S93	937	polyolefin near powder\$2	US-PGPUB; USPAT	ADJ	ON	2005/07/15 15:14
S94	1	S93 and S19	US-PGPUB; USPAT	ADJ	ON	2005/07/15 15:14
S95	802	polyolefin near powder\$2	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/07/15 15:19
S96	0	S95 and S19	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/07/15 15:14
S97	234	(S93) and (automobile\$1 or vehicle\$1 or car\$1)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 15:15
S98	802	(polyolefin near powder\$2) or (Microthene near1 FN-510)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/07/15 15:19
S99	0	S98 and S19	US-PGPUB; USPAT	ADJ	ON	2005/07/15 15:22
S10 0	336	crash pad\$1	US-PGPUB; USPAT	ADJ	ON	2005/07/15 15:57
S10 1	15	S100 and S19	US-PGPUB; USPAT	ADJ	ON	2005/07/15 15:57
S10 2	19593	polyester fiber\$1 or polyester fiber mat or polyester fibre\$1 or polyester fibre mat	US-PGPUB; USPAT	ADJ	ON	2005/07/15 16:03
S10 3	23096	bonding agent	US-PGPUB; USPAT	ADJ	ON	2005/07/15 16:33
S10 4	18	S102 with S103	US-PGPUB; USPAT	ADJ	ON	2005/07/15 16:19
S10 5	529298	bonding agent or adhesive or glue	US-PGPUB; USPAT	ADJ	ON	2005/07/15 17:16
S10 6	630	S102 with S105	US-PGPUB; USPAT	ADJ	ON	2005/07/15 16:55

S10 7	14	S106 and S19	US-PGPUB; USPAT	ADJ	ON	2005/07/15 16:34
S10 8	35	S102 near S105	US-PGPUB; USPAT	ADJ	ON	2005/07/15 16:55
S10 9	34	S108 not S104	US-PGPUB; USPAT	ADJ	ON	2005/07/15 17:03
S11 0	10	("2477641" "2878198" "3437610" "3835082" "4009304" "4112160").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2005/07/15 17:01
S11 1	9	S17 same S102 same S105	US-PGPUB; USPAT	ADJ	ON	2005/07/15 17:15
S11 2	1728	S17 with S105	US-PGPUB; USPAT	ADJ	ON	2005/07/15 17:15
S11 3	11	S112 and S19	US-PGPUB; USPAT	ADJ	ON	2005/07/15 17:15
S11 4	535524	bonding agent or adhesive or glue or adhesion promoter\$1	US-PGPUB; USPAT	ADJ	ON	2005/07/15 17:16
S11 5	1736	S17 with S114	US-PGPUB; USPAT	ADJ	ON	2005/07/15 17:18
S11 6	11	S115 and S19	US-PGPUB; USPAT	ADJ	ON	2005/07/15 17:17
S11 7	135	(S115) and (automobile\$1 or headliner\$1 or roofliner\$1 or roof liner\$1)	US-PGPUB; USPAT	ADJ	ON	2005/07/15 17:18